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09/588,683	06/07/2000	Katsutoshi Ushida	862.C1923	9220
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	CK CELLA HARPER	ENGLAND, DAVID E		
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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	Applicant(s)	
	09/588,683. USHIDA, KATSUTOS		41	
Office Action Summary	Examiner	Art Unit		
	David E. England	2143		
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with	the correspondence addres	SS	
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNIC. 36(a). In no event, however, may a reposite and will expire SIX (6) MONTE, cause the application to become ABA	ATION. bly be timely filed HS from the mailing date of this commu NDONED (35 U.S.C. § 133).	·	
Status				
1) Responsive to communication(s) filed on 21 A	ugust 2006.			
2a)⊠ This action is FINAL . 2b)☐ This	action is non-final.			
3) Since this application is in condition for allowa	nce except for formal matte	rs, prosecution as to the me	erits is	
closed in accordance with the practice under E	Ex parte Quayle, 1935 C.D.	11, 453 O.G. 213.		
Disposition of Claims				
4) Claim(s) 1 – 21, 25 – 44, 51, 52, 101, 102, 100		ng in the application.		
4a) Of the above claim(s) is/are withdra 5) Claim(s) is/are allowed.	wn from consideration.			
6) Claim(s) 1 - 21, 25 - 44, 51, 52, 101, 102, 100	6 112 and 113 is/are reject	2 4		
7) Claim(s) is/are objected to.	<u>5, 112 and 110</u> lorate toject			
8) Claim(s) are subject to restriction and/o	or election requirement.		,	
Application Papers	·			
9) The specification is objected to by the Examine	\r			
10) The drawing(s) filed on is/are: a) acc		v the Evaminer	•	
Applicant may not request that any objection to the		•		
Replacement drawing sheet(s) including the correct			.121(d).	
11) The oath or declaration is objected to by the Ex		· •		
Priority under 35 U.S.C. § 119			•	
12) Acknowledgment is made of a claim for foreign	nriority under 35 U.S.C. 8	119(a)-(d) or (f)		
a) All b) Some * c) None of:	phoney and crob o.c.o. 3	110(4) (4) 01 (1).		
1. ☐ Certified copies of the priority document	s have been received.			
2. Certified copies of the priority document		plication No	•	
3. Copies of the certified copies of the prio		·	ge	
application from the International Burea	u (PCT Rule 17.2(a)).			
* See the attached detailed Office action for a list	of the certified copies not re	eceived.		
Attachment(s)				
1) Notice of References Cited (PTO-892)		mmary (PTO-413)		
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08)		/Mail Date ormal Patent Application		
Paper No(s)/Mail Date	6) Other:			
U.S. Patent and Trademark Office PTOL-326 (Rev. 08-06) Office A	ction Summary	Part of Paper No./Mail Date 2	0061122	

Art Unit: 2143

DETAILED ACTION

1. Claims 1-21, 25-44, 51, 52, 101, 102, 106, 112 and 113 are presented for examination.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1, 2, 4, 7 15, 25, 27, 30, 31, 34 38, 42, 43, 51, 52, 101, 102, 106, 112 and 113 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bloomfield (6023345) in view of Rachelson (6157706).
- 4. Referencing claim 1, as closely interpreted by the Examiner, Bloomfield teaches a communication apparatus for communicating electronic mail data by connecting to the Internet, the apparatus comprising:
- 5. designation means for designating a destination address, (e.g., col. 2, lines 9-28);
- 6. transmission means for transmitting the electronic mail data with the image data which is converted into a format determined by said determination means or the format based on the functional information obtained by said communication means, (e.g., col. 6, line 47 col. 7, line 34 & col. 18, line 57 col. 19, line 45).

Art Unit: 2143

7. Bloomfield does not specifically teach determination means for determining a format of image data in correspondence with the designated destination address by referring to a database, in a case where transmission of the electronic mail data with the image data attached thereto is performed;

- 8. communication means for performing communication with a destination device to obtain functional information of the format of the image data, in a case where the functional information of the format of the image data in correspondence with the designated destination address is not stored in the database, before the transmission of the electronic mail data is performed.
- 9. Rachelson more specifically teaches determination means for determining a format of image data in correspondence with the designated destination address by referring to a database, in a case where transmission of the electronic mail data with the image data attached thereto is performed, (e.g., col. 10, line 60 col. 11, line 29); and
- 10. communication means for performing communication with a destination device to obtain functional information of the format of the image data, in a case where the functional information of the format of the image data in correspondence with the designated destination address is not stored in the database, before the transmission of the electronic mail data is performed, (e.g., col. 11, lines 5 37). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Rachelson with Bloomfield because Rachelson gives the user the option to modify their preferences if there is no desire for the recipient to receive images in a preexisting default condition. Furthermore, Applicant's invention does not state which device is the initiator of the communication. This would leave one to

Art Unit: 2143

interpret that the recipient or the communication apparatus could initiate contact to deliver functional information.

- 11. As per claim 2, as closely interpreted by the Examiner, Bloomfield teaches a communication apparatus comprising:
- 12. designation means for designating a destination address, (e.g., col. 2, lines 9-28);
- 13. first connecting means for connecting to a local area network and a second connecting means for connecting to a wide area network, (e.g., Figs. 1, 7 and 13 & col. 4, line 37 col. 5, line 5);
- 14. first communicating means for communicating electronic mail data by connecting to the Internet by one of said first and second connecting means, (e.g., Figs. 1, 7 and 13 & col. 4, line 37 col. 5, line 5);
- 15. second communicating means for performing facsimile communication by connecting to the wide area network by said second connecting means, (e.g., Figs. 1, 7 and 13 & col. 4, line 37 col. 5, line 5);
- 16. transmission means for transmitting the electronic mail data with the image data which is converted into the format determined by said determination means or the format based on the functional information obtained by said control means, (e.g., col. 6, line 47 col. 7, line 34 & col. 18, line 57 col. 19, line 45).
- 17. Bloomfield does not specifically teach determination means for determining a format of image data in correspondence with the destination address by referring to a database, in a case

where transmission of the electronic mail data with the image data attached thereto is performed; and

- 18. control means for controlling said first communication means so as to perform communication with a destination device to obtain functional information of the format of the image data, in a case where the functional information of the format of the image data in correspondence with the designated destination address is not stored in the database, before the transmission of the electronic mail data is performed.
- 19. Rachelson more specifically teaches determination means for determining a format of image data in correspondence with the destination address by referring to a database, in a case where transmission of the electronic mail data with the image data attached thereto is performed, (e.g., col. 10, line 60 col. 11, line 29); and
- 20. control means for controlling said first communication means so as to perform communication with a destination device to obtain functional information of the format of the image data, in a case where the functional information of the format of the image data in correspondence with the designated destination address is not stored in the database, before the transmission of the electronic mail data is performed, (e.g., col. 11, lines 5 37). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Rachelson with Bloomfield because of similar reasons stated above.
- 21. As per claim 4, as closely interpreted by the Examiner, Bloomfield teaches if there is no response to the communication to obtain the functional information from the destination device, and if communication by said second communicating means is designated and a facsimile

Art Unit: 2143

number of a receiving party is designated, said second communicating means communicates image data with the receiving party, (e.g., col. 16, lines 16 - 59 & col. 18, line 57 - col. 19, line 45).

- 22. As per claim 7, as closely interpreted by the Examiner, Bloomfield teaches if an error occurs in the transmission of the image data by said transmission means, electronic mail data describing information concerning error information is transmitted to said destination device or a previously designated electronic mail address, (e.g., col. 16, lines 16 59 & col. 18, line 57 col. 19, line 45).
- 23. As per claim 8, as closely interpreted by the Examiner, Bloomfield teaches if an error occurs in the transmission of the image data by said transmission means, electronic mail data having the image data attached is transmitted to a previously designated electronic mail address, (e.g., col. 16, lines 16 59 & col. 18, line 57 col. 19, line 45).
- 24. As per claim 11, as closely interpreted by the Examiner, Bloomfield teaches if connection to said first communicating means is dial-up connection, communication of the functional information, the transmission of image data, and communication concerning delivery confirmation are successively performed by a single call, (e.g., col. 5, line 52 col. 6, line 17 & col. 16, lines 16 59).

- 25. As per claim 12, as closely interpreted by the Examiner, Bloomfield teaches if connection to said first communicating means is dial-up connection, communication of the functional information, the transmission of image data, and communication concerning delivery confirmation are separately performed by at least two calls, (e.g., col. 5, line 52 col. 6, line 17 & col. 16, lines 16 59).
- 26. As per claim 13, as closely interpreted by the Examiner, Bloomfield teaches if connection to said first communicating means is dial-up connection, communication of the functional information, the transmission of image data, and communication concerning delivery confirmation are successively performed by a single call or separately performed by different calls, (e.g., col. 5, line 52 col. 6, line 17 & col. 16, lines 16 59).
- 27. As per claim 14, as closely interpreted by the Examiner, Bloomfield teaches if connection to said first communicating means is dial-up connection, a line is once disconnected to wait for timeout processing in communication, (e.g., col. 5, line 52 col. 6, line 17 & col. 16, lines 16 59).
- 28. As per claim 15, as closely interpreted by the Examiner, Bloomfield teaches if connection to said first communicating means is dial-up connection, a line is once disconnected to wait for timeout processing in communication, and timeout is selectively verified by recall, (e.g., col. 5, line 52 col. 6, line 17 & col. 16, lines 16 59).

29. As per claim 101, as closely interpreted by the Examiner, Bloomfield teaches the functional information is information indicating at least on of a coding system, resolution, and original length, (e.g., col. 6, line 47 – col. 7, line 34, "format" & col. 18, line 57 – col. 19, line 45).

- 30. Claims 25, 27, 30, 31, 34 38, 42, 43, 51, 52, 102, 106, 112 and 113 are rejected for similar reasons and can be found in the disclosed reference as stated above.
- 31. Claims 3, 9, 10, 26, 32 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bloomfield in view of Applicant's admitted prior art.
- 32. As per claim 3, as closely interpreted by the Examiner, Bloomfield teaches all that is similar in nature above as it applies to the claim language below, furthermore Applicant's admitted prior art teaches if there is no response to the communication of the functional information from the destination device, electronic mail data is transmitted by said transmission means by attaching image data corresponding to a baseline image data format standard, (e.g. page 1, line 13 page 3, line 20). Bloomfield teaches electronic mail data is transmitted by said transmission means by attaching image data corresponding to a baseline image data format standard which the destination device is able to process, (e.g., col. 6, line 47 col. 7, line 7). It would have been obvious to one of ordinary skill in the art, at the time the invention was filed, to combine Applicant's admitted prior art with Bloomfield because utilizing a "baseline" image

data format will allow for a common medium for most users to view and/or devices to process a standard format that is widely used.

- 33. As per claim 9, as closely interpreted by the Examiner, Bloomfield teaches wherein if an error occurs in the transmission of the image data by said transmission means, transmission is performed in accordance with designation of whether transmission of electronic mail by attaching image data by a baseline image format standard which the destination device is able to process or retransmission is to be performed, (e.g., col. 6, line 47 col. 7, line 7); and image data corresponding to a baseline image data format standard which the destination device is able to process, (e.g., col. 6, line 47 col. 7, line 7). Furthermore, Applicant admits in prior art whether transmission of electronic mail by attaching image data by the most baseline image standards, (e.g. page 1, line 19 page 3, line 20); It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Applicant's admitted prior art with Bloomfield for similar reasons stated above, furthermore, it would save time in transmission if a predefined "standard" communication means was established as a backup.
- As per claim 10, as closely interpreted by the Examiner, Bloomfield teaches all that is similar in nature above as it applies to the claim language below, furthermore Applicant admits in the prior art that wherein the baseline image format standard is an MH coding system considered to be essential of functional information defined by ITU-T T.30, by which a resolution in a main scan direction is 8 pels/mm, a resolution in a sub-scan direction is 3.85 lines/mm, and an original width is 208 mm of A4 size, (e.g. page 1, line 19 page 3, line 20). It

would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Applicant's admitted prior art with Bloomfield for similar reasons as stated above.

- 35. Claims 26, 32 and 33 are rejected for similar reasons as stated above.
- 36. Claims 5, 6, 28, 29 and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bloomfield and Rachelson in view of Applicant's admitted prior art, in further view of Seo (6124947).
- 37. As per claim 5, as closely interpreted by the Examiner, Bloomfield and Rachelson do not specifically teach wherein if an error occurs in the transmission of image data by said transmission means, retransmission is performed by selecting a number of times of retransmission from a plurality of individually preset number of times of retransmission including zero, in accordance with the contents of the error. Seo teaches wherein if an error occurs in the transmission of image data by said transmission means, retransmission is performed by selecting a number of times of retransmission from a plurality of individually preset number of times of retransmission including zero, in accordance with the contents of the error, (e.g. col. 5, line 45 col. 6, line 45). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Seo with the combine system of Bloomfield and Applicant's admitted prior art because it would be more convenient for a user to input exactly how many time to attempt a retransmission if an error were to occur as opposed to having to go through the faxing process manually over and over again.

Art Unit: 2143

38. As per claim 6, as closely interpreted by the Examiner, Bloomfield, Rachelson, Applicant's admitted prior art and Seo do not specifically teach wherein no retransmission is performed if the contents of the error indicate that there is no destination address.

Page 11

Examiner takes Official Notice (see MPEP § 2144.03) that "wherein no retransmission 39. is performed if the contents of the communication error indicate that there is no destination address " in a computer networking environment was well known in the art at the time the invention was made. The Applicant is entitled to traverse any/all official notice taken in this action according to MPEP § 2144.03, namely, "if applicant traverses such an assertion, the examiner should cite a reference in support of his or her position". However, MPEP § 2144.03 further states "See also In re Boon, 439 F.2d 724, 169 USPQ 231 (CCPA 1971) (a challenge to the taking of judicial notice must contain adequate information or argument to create on its face a reasonable doubt regarding the circumstances justifying the judicial notice)." Specifically, In re-Boon, 169 USPO 231, 234 states "as we held in Ahlert, an applicant must be given the opportunity to challenge either the correctness of the fact asserted or the notoriety or repute of the reference cited in support of the assertion. We did not mean to imply by this statement that a bald challenge, with nothing more, would be all that was needed". Further note that 37 CFR § 1.671(c)(3) states "Judicial notice means official notice". Thus, a traversal by the Applicant that is merely "a bald challenge, with nothing more" will be given very little weight. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Applicant's admitted prior art with the combine system of Bloomfield, Applicant's admitted

prior art and Seo because if there is no destination address there can be no retransmission let .

alone a first transmission with out a destination address whether a email address or fax number.

- Applicant has failed to seasonably challenge the Examiner's assertions of well known subject matter in the previous Office action(s) pursuant to the requirements set forth under MPEP §2144.03. A "seasonable challenge" is an explicit demand for evidence set forth by Applicant in the next response. Accordingly, the claim limitations the Examiner considered as "well known" in the first Office action, i.e. no retransmission is performed if the contents of the communication error indicate that there is no destination address, are now established as admitted prior art of record for the course of the prosecution. See In re Chevenard, 139 F.2d 71, 60 USPQ 239 (CCPA 1943).
- As per claim 41, as closely interpreted by the Examiner, Bloomfield, Rachelson and Applicant's admitted prior art do not specifically teach switching a display on an operation panel related to functional information based on information in said database, if an address of another party is input in said first communication procedure. Seo teaches switching a display on an operation panel related to functional information based on information in said database, if an address of another party is input in said first communication procedure, (e.g., col. 5, lines 46 67). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Seo with the combine system of Bloomfield, Rachelson and Applicant's admitted prior art because of similar reasons stated above and furthermore it would be efficient for a system to display the dynamism of information that is changing in the system so the user can confirm which numbers the information is being set to.

Art Unit: 2143

reference as stated above.

42. Claims 28 and 29 are rejected for similar reasons and can be found in the disclosed

Page 13

- 43. Claims 16 20, 23 and 39 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bloomfield and Rachelson in view of Applicant's admitted prior art, in further view of Miller, Jr. et al. (6356356) (hereinafter Miller).
- As per claim 16, as closely interpreted by the Examiner, Bloomfield, Rachelson and Applicant's admitted prior art do not specifically teach wherein functional information of a destination apparatus is acquired by communication using one of said first and second communicating means, a database for holding a maximum capability supported by each function is registered or updated, and, if said first communicating means is to communicate data, the data is converted into a standard registered in said database and communicated. Miller teaches wherein functional information of a destination apparatus is acquired by communication using one of said first and second communicating means, a database for holding a maximum capability supported by each function is registered or updated, and, if said first communicating means is to communicate data, the data is converted into a standard registered in said database and communicated, (e.g. col. 3, line 30 col. 4, line 55). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Miller with the combine system of Bloomfield, Rachelson and Applicant's admitted prior art because it would be more

Art Unit: 2143

efficient for a system to utilize the functionality of a database that is commonly used for storing information about users and/or devices on a network.

- 45. As per claim 17, as closely interpreted by the Examiner, Bloomfield teaches all that is described above but does not specifically teach wherein whether image data pertaining to said database is to be converted is set for each function item registered in said database. Miller teaches wherein whether image data pertaining to said database is to be converted is set for each function item registered in said database, (e.g. col. 3, line 30 col. 4, line 55). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Miller with the combine system of Bloomfield, Rachelson and Applicant's admitted prior art because it would be cause less errors in the receiving system if the data was converted to a format that the receiving system could process.
- 46. As per claim 18, as closely interpreted by the Examiner, Bloomfield, Rachelson and Applicant's admitted prior art do not specifically teach if an address of another party with respect to said first communicating means is input, display information related to functional information is switched on an operation based on information in said database.
- 47. Miller teaches if an address of another party with respect to said first communicating means is input, display information related to functional information is switched on an operation based on information in said database, (e.g. col. 3, line 30 col. 4, line 55). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Miller with the combine system of Bloomfield, Rachelson and Applicant's admitted prior art because it

Art Unit: 2143

would be more convenient for a user to have the system convert the destination number to the address that it is associated with it.

Page 15

- 48. As per claim 19, as closely interpreted by the Examiner, Bloomfield teaches wherein if a communication error occurs in said first communicating means, said second communicating means communicates image data if communication by said second communicating means is designated and a telephone number of another party is set. Miller teaches wherein if a communication error occurs in said first communicating means, said second communicating means communicates image data if communication by said second communicating means is designated and a telephone number of another party is set, (e.g. col. 3, line 30 col. 4, line 55). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Miller with the combine system of Bloomfield, Rachelson and Applicant's admitted prior art for similar reasons as stated above.
- 49. Claims 20, 23, 24 and 39 40 are rejected for similar reasons and can be found in the disclosed reference as stated above.
- 50. Claims 21 and 44 rejected under 35 U.S.C. 103(a) as being unpatentable over Bloomfield and Rachelson in view of Applicant's admitted prior art, in further view of Wolf (6535303).

Art Unit: 2143

As per claim 21, as closely interpreted by the Examiner, Bloomfield, Rachelson and 51. Applicant's admitted prior art teaches all that is described above but does not specifically teach wherein when said first communicating means is to perform communication of the functional information, of pieces of functional information defined by ITU-T T.30, functional information pertaining to communication such as a handshake rate, a modem rate, a minimum transmission time, the presence/absence of error correction mode, and the presence/absence of G4 function need not be exchanged. Applicant's admitted prior art teaches wherein when said first communicating means is to perform communication of the functional information, of pieces of functional information defined by ITU-T T.30, functional information pertaining to communication such as a handshake rate, a modem rate, a minimum transmission time, the presence/absence of error correction mode need not be exchanged, (e.g. page 1, line 13 – page 3, line 20) and Wolf teaches the G4 function, (e.g. col. 3, lines 14 - 61). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Wolf with the combine system of Bloomfield, Rachelson and Applicant's admitted prior art for similar reasons as stated above.

52. Claim 44 is rejected for similar reasons and can be found in the disclosed reference as stated above.

Response to Arguments

Applicant's arguments with respect to claims 1 - 21, 25 - 44, 51, 52, 101, 102, 106, 112 and 113 have been considered but are most in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David E. England whose telephone number is 571-272-3912. The examiner can normally be reached on Mon-Thur, 7:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

David E. England Examiner Art Unit 2143

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